

PETER EI GHOSSEIN

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Nationality: Lebanese,
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MSc graduate in Race Car Aerodynamics from the University of Southampton. I adapt quickly to ever-changing environments, appreciate cultural diversity, and I am keen on working with people of different mindsets. Determined, hardworking, data driven, adaptable, goal oriented, and looking to prove my worth to an employer in an entry level job.

EDUCATION

University of Southampton, Faculty of Engineering, Southampton **September 2019-December 2020**
Masters of Science, Race Car Aerodynamics
Overall Classification: First Class
Overall GPA: 4.0/4.0

University of Balamand, Faculty of Engineering, Koura, North governorate **September 2016-June 2019**
Bachelor of Science, Mechanical Engineering (Aerospace specialty)
Overall GPA: 84.5/100.0

Saint Joseph School, Cornet Chehwan, Matn, Mount Lebanon **October 2002-June 2016**
High School, General Sciences
Overall GPA: 16.5/20

CERTIFICATES

Engineering Project Management Specialization, Rice University **June 2021**
1. *Engineering Project Management: Initiating and Planning* (Overall Grade: 99.95) *May, 2021*
2. *Engineering Project Management: Scope, Time and Cost Management* (Overall Grade: 99.35) *June, 2021*
3. *Engineering Project Management: Risk, Quality, Teams, and Procurement* (Overall Grade: 100) *June, 2021*

Sports and Building Aerodynamics, Eindhoven University of Technology (Overall Grade: 98) **February 2021**

LEADERSHIP EXPERIENCE

RAeS, student branch, University of Balamand, Koura, North governorate, *Treasurer* **Oct. 2017-June 2019**

- Work with a group of like-minded individuals to facilitate monthly activities for 45+ members
- Collaborate as a board member to organize on and off campus events related to the field of aviation

POSTGRADUATE THESIS

Accurate modelling and analysis of track cycling,

- Investigate to which accuracy can speed-adjusted drag be determined from a high-quality track cycling model.
- Perform CFD analysis on a rider and bicycle combination studying flow fields around it to determine optimal positioning when riding.

UNDERGRADUATE THESIS

Aero-Flexible Aerodynamics and the Integration of Bird Aerodynamics into Aircraft Wings,

- Research on how engineering sectors, specifically aerodynamics were transferred from biology to physics.
- Extensive work in the wind tunnel.
- Analyzing airfoil data and how different structures affect lift on the airfoil, and separation at the trailing edge.

WORK EXPERIENCE

Mechanical Lab, University of Balamand, Koura, North governorate, *lab assistant* **Sept 2017-June 2019**
Joramco Internship, Joramco, Amman, Jordan, *short-term internship* **February 2018-March 2018**
Diffa group, Mono, Beirut, *Event Host* **July 2017-August 2019**

ATHLETICS

Rugby League, Lebanon **Oct 2014-May 2017**

- Saint Joseph School team, *Saints* *Oct 2014-May 2016*
- Lebanese Youth National Team, *Cedars* *Mar 2016-Sept 2016*
- University of Balamand, *Razorbacks* *Sept 2016-May 2017*

SPECIALIZED SKILLS

Programming Languages: C++, MATLAB, C
Programs: SolidWorks, Autodesk, AutoCAD, Excel, PowerPoint, Star CCM+, Ansys Fluent, limited NX experience
Operating Systems: Windows, Mac
Skills: PIV, wind tunnel testing, water tunnel testing, operation of lathes, sawing, welding.
Languages: English (fluent), French (fluent), Arabic (Native).